DECLARATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MACROCYCLIC COMPOUNDS USEFUL AS PHARMACEUTICALS

MACKO	CICLIC COMITO	UNDS USEFUL AS	IHAMMACEULI	ICALS		
the specification of	which:					
is att	ached hereto;					
	s filed on September			57,910 and		
was on on	was filed as PCT international application No, on and was amended under PCT Article 19 on (if applicable).					
	te that I have revieweding the claims, as an					
	lged the duty to discluccordance with Title					
foreign application below any foreign a	im foreign priority be (s) for patent or inver application for patent n which priority is cl	ntor's certificate liste or inventor's certific	d below and have al	lso identified		
Prior Foreign App	olication(s):					
Number	Country	Filing Date	Status	Priority Claimed (Y/N)		

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America listed

U.S.S.N: 10/657,910 3653292v1 Page 1 of 9

below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Prior US National Application(s) Application(s) and PCT Applications Designating the US:

Number	Country	Filing Date	Status	Priority
				Claimed (Y/N)
PCT/US03/07377	PCT	March 7, 2003	Pending	Y

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national filing date of this application.

Prior US Provisional Application(s):

Number	Country	Filing Date	Status	Priority
				Claimed (Y/N)
60/362,883	U.S.	March 8, 2002	Expired	Y
60/380,711	U.S.	May 14, 2002	Expired	Y

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Name:	Kenichi Chiba		
Signature:	Kenichi Chiba	Date:	Apr. 121/2004
Residence Address:	5-20-401 Oomachi Tsuchiura-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

U.S.S.N: 10/657,910 3653292v1

Page 2 of 9

Attorney Docket No.: 2003946-0056

Client Reference No.: ANDI/CIP

Name:	Hong Du		
Signature:	Hongra	Date:	4/22/04
Residence Address:	43 Upland Street North Andover, Massachusetts 01845	Citizenship:	P.R. China
Correspondence Address:	Same as above		

Name:	Yoshihito Eguchi		
Signature:		Date:	
Residence Address:	233-38 Toyoshiki Kashiwa-shi, Chiba, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Masanori Fujita		
Signature:		Date:	
Residence Address:	128-3-6 Hitachinonishi, Ushiku-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above	,	•

Name:	Masaki Goto		
Signature:	,	Date:	
Residence Address:	1141-21 Naka Tsuchiura-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Hong Du		
Signature:		Date:	
Residence Address:	43 Upland Street North Andover, Massachusetts 01845	Citizenship:	P.R. China
Correspondence Address:	Same as above		

Name:	Yoshihito Eguchi		
Signature:	yoshilo Egichi	Date:	April 2/ 2004
Residence Address:	233-38 Toyoshiki Kashiwa-shi, Chiba, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Masanori Fujita		
Signature:	Masanovi Fujita 128-3-6 Hitachinonishi,	Date:	April 22.2004
Residence Address:	128-3-6 Hitachinonishi, Ushiku-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Masaki Goto		
Signature:	marali Octo	Date:	April . 2/. 2004
Residence Address:	1141-21 Naka Tsuchiura-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Fabian Gusovsky		
Signature:	Muse	Date:	4/27/04
Residence Address:	28 Algonquin Avenue Andover, Massachusetts 01810	Citizenship:	Ú.S.A.
Correspondence Address:	Same as above		

Name:	Jean-Christophe Harmange		
Signature:		Date:	
Residence Address:	57 William Street, Andover, Massachusetts 01810	Citizenship:	France
Correspondence Address:	Same as above		

Name:	Atsushi Inoue		
Signature:		Date:	
Residence Address:	2-10-15 Matsushiro Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Megumi Kawada		
Signature:		Date:	
Residence Address:	4-9, Kamiya 2-chome Ushiku-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Fabian Gusovsky		
Signature:		Date:	
Residence Address:	28 Algonquin Avenue Andover, Massachusetts 01810	Citizenship:	U.S.A.
Correspondence Address:	Same as above		

Name:	Jean-Christophe Harmange	
Signature:	VACIATION	Date: 51504
Residence Address: (57 William Street, Andover, Massachusetts 01810	Citizenship: France
Correspondence Address:	Same as above	

Name:	Atsushi Inoue		
Signature:		Date:	
Residence Address:	2-10-15 Matsushiro Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Megumi Kawada		
Signature:	1	Date:	
Residence Address:	4-9, Kamiya 2-chome Ushiku-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Fabian Gusovsky		
Signature:		Date:	
Residence Address:	28 Algonquin Avenue Andover, Massachusetts 01810	Citizenship:	U.S.A.
Correspondence Address:	Same as above		

Name:	Jean-Christophe Harmange		
Signature:		Date:	
Residence Address:	57 William Street, Andover, Massachusetts 01810	Citizenship:	France
Correspondence Address:	Same as above		

Name:	Atsushi Inoue		
Signature:	Atoushi Inove	Date:	April 21, 200
Residence Address:	2-10-15 Matsushiro Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Megumi Kawada		
Signature:	meguni Kawada	Date:	april 21.2004
Residence Address:	4-9, Kamiya 2-chome Ushiku-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Takatoshi Kawai		
Signature:	Takatoshikami	Date:	Apr 21, 2004
Residence Address:	2-11-33 Higashi Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Yoshiyuki Kawakami		
Signature:	Chiling le Lauratana	Date:	April 21,2004
Residence Address:	36-2 Tokodai, Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Akifumi Kimura		
Signature:	Alipa. Limura	Date:	April 21,2004
Residence Address:	7-2 Inarimae Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Makoto Kotake		
Signature:	Makoto Kotake	Date:	Apr. 21,204
Residence Address:	144-3-515 Abiko Abiko-shi, Chiba, Japan	Citizenship:	Japan
Correspondence Address:	Same as above	•	

Name:	Yoshikazu Kuboi		
Signature:	Joshi Engen Kuban	Date:	Apr ,2/ 200
Residence Address:	2-43-14 A302 Matsushiro, Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Tomohiro Matsushima		
Signature:	Fomohiro Matsushima	Date:	Apr. 21.2004
Residence Address:	10-2, Tagu 2-chome Ushiku-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		,

Name:	Yoshiharu Mizui		
Signature:	Yoshikanı Mizai	Date:	Apr. 21.2004
Residence Address:	5-74 Ninomiya 4-Chome Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Kenzo Muramoto		
Signature:	Keno huranota	Date:	Apr 21,204
Residence Address:	4-2-19 Ninomiya Tsukuba-shi, Ibaraki 305-0051, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Hideki Sakurai		
Signature:	Hidelai Salenrai	Date:	April 2/.2004
Residence Address:	4-8-3 Ninomiya Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Yong-Chun Shen		
Signature:		Date:	
Residence Address:	21 Villa Roma Drive Tewksbury, Massachusetts 01876	Citizenship:	P.R. China
Correspondence Address:	Same as above		1

Name:	Hiroshi Shirota		
Signature:		Date:	
Residence Address:	123 Winter Street Belmont, Massachusetts 02478	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Mark Spyvee		
Signature:		Date:	
Residence Address:	75 Laura Lane Hampstead, New Hampshire 03841	Citizenship:	United Kingdom
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Name:	Hideki Sakurai		
Signature:		Date:	
Residence Address:	4-8-3 Ninomiya Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Yong-Chun Shen		
Signature:	Joyshumshe is	Date:	April 28,2004
Residence Address:	21 Villa Roma Drive Tewksbury, Massachusetts 01876	Citizenship:	P.R. China
Correspondence Address:	Same as above		

Name:	Hiroshi Shirota		
Signature:	14. Soular	Date:	4/27/04
Residence Address:	123 Winter Street Belmont, Massachusetts 02478	Citizenship:	Japan
Correspondence Address:	Same as above	1	

Name:	Mark Spyvee		
Signature:	Man	Date:	5/3/04.
Residence Address:	75 Laura Zane Hampstead, New Hampshire 03841	Citizenship:	United Kingdom
Correspondence Address:	Same as above		

Name:	Isao Tanaka		
Signature:	Osar Tanaka	Date:	4/23/2004
Residence Address:	2-5-16 Ninomiya Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	John (Yuan) Wang		
Signature:		Date:	
Residence Address:	344 River Road Andover, Massachusetts 01810	Citizenship:	U.S.A.
Correspondence Address:	Same as above		

Name:	Ray Wood		
Signature:		Date:	
Residence Address:	3504 Timberwood Court Raley, North Carolina 27606	Citizenship:	Canada
Correspondence Address:	Same as above		

Name:	Satoshi Yamamoto		
Signature:	Satisti Mamamolo	Date:	Apr. 21.2004
Residence Address:	3-9-7 Misono Moriya-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	Isao Tanaka		
Signature:		Date:	
Residence Address:	2-5-16 Ninomiya Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	John (Yuan) Wang	1/1/		
Signature:	,	1m May	Date:	4/27/04
Residence Address:	344 River Road Andover, Massachuset	ts 01810	Citizenship:	U.S.A.
Correspondence Address:	Same as above			

Name:	Ray Wood		
Signature:		Date:	
Residence Address:	3504 Timberwood Court Raley, North Carolina 27606	Citizenship:	Canada
Correspondence Address:	Same as above		

Name:	Satoshi Yamamoto		
Signature:		Date:	
Residence Address:	3-9-7 Misono Moriya-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above	I	

Name:	Isao Tanaka		
Signature:		Date:	
Residence Address:	2-5-16 Ninomiya Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Name:	John (Yuan) Wang		
Signature:		Date:	
Residence Address:	344 River Road Andover, Massachusetts 01810	Citizenship:	U.S.A.
Correspondence Address:	Same as above		

Name:	Ray Wood		
Signature:	1 an Co Come	Date:	4/28/04
Residence Address:	3504 Timberwood Court Raley, North Carolina 27606 Raleigh Ru	Citizenship:	Canada
Correspondence Address:	Same as above		

Name:	Satoshi Yamamoto		
Signature:		Date:	
Residence Address:	3-9-7 Misono Moriya-shi, Ibaraki, Japan	Citizenship:	Japan
Correspondence Address:	Same as above		

Page 8 of 9

Name:	Naoki Yoneda			
Signature:	Naok: youeda	Date:	April 22,	200
Residence Address:	1-906-306 Takezono Tsukuba-shi, Ibaraki, Japan	Citizenship:	Japan	
Correspondence Address:	Same as above			

U.S.S.N: 10/657,910 3653292v1 Page 9 of 9



ATTORNEY DOCKET NO.: 2003946-0056 (ANDI/CIP)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Chiba, et al.

Examiner:

NYA

Serial No.:

10/657,910

Art Unit:

NYA

Filing Date:

September 9, 2003

Title:

MACROCYCLIC COMPOUNDS USEFUL AS

PHARMACEUTICALS

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

APPOINTMENT OF ATTORNEY

The undersigned hereby appoints:

Attorney/Agent	Registration No.
Sam Pasternack, Ph.D.	29,576
Donald W. Muirhead	33,978
Brenda Herschbach Jarrell, Ph.D.	39,223
Anne. E. Saturnelli	41,290
Kevin Tormey	41,351
Elizabeth E. Nugent, Ph.D.	43,839
Theresa A. Devlin, Ph.D.	45,361
Valarie B. Rosen, Ph.D.	45,698
C. Hunter Baker, M.D., Ph.D.	46,533
Monica Gerber, M.D., Ph.D.	46,724
Elijah Cocks	47,499
Nadége M. Lagneau, Ph.D.	51,908
Charles Lyon, Ph.D.	Limited Recognition Under 37 CFR § 10.9(b)
Stacy Blasberg	52,625

U.S.S.N: 10/657,910 3653668v1 Page 1 of 2

as its attorneys and agents for prosecution of matters relating to the above-identified patent application and to conduct all business in the United States Patent and Trademark Office.

All correspondence should be sent to:

Patent Department Choate, Hall & Stewart Exchange Place, 53 State Street, Boston, Massachusetts 02109

Respectfully submitted,

Mame: Hiroshi Yoshino

Title: Director of Intellectual Property Department

On behalf of Eisai Co., Ltd.

Dated:

U.S.S.N: 10/657,910 3653668v1 Page 2 of 2



ATTORNEY DOCKET NO.: 2003946-0056 (ANDI/CIP)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Chiba, et al.

Examiner:

NYA

Serial No.:

10/657,910

Art Unit:

NYA

Filing Date:

September 9, 2003

Title:

MACROCYCLIC COMPOUNDS USEFUL AS

PHARMACEUTICALS

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION (37 CFR § 3.73(b))

The inventors of the above-referenced United States patent application have assigned their entire right, title, and interest in the inventions disclosed therein according to the following table:

Inventor	Assignee
Kenichi Chiba	Eisai Co., Ltd.
Hong Du	Eisai Co., Ltd.
Yoshihito Eguchi	Eisai Co., Ltd.
Masanori Fujita	Eisai Co., Ltd.
Masaki Goto	Eisai Co., Ltd.
Fabian Gusovsky	Eisai Co., Ltd.
Jean-Christophe Harmange	Eisai Co., Ltd.
Atsushi Inoue	Eisai Co., Ltd.

U.S.S.N: 10/657,910

3653521v1

Page 1 of 3

Attorney Docket No.: 2003946-0056

Client Reference No.: ANDI/CIP

Megumi Kawada	Eisai Co., Ltd.
Takatoshi Kawai	Eisai Co., Ltd.
Yoshiyuki Kawakami	Eisai Co., Ltd.
Akifumi Kimura	Eisai Co., Ltd.
Makoto Kotake	Eisai Co., Ltd.
Yoshikazu Kuboi	Eisai Co., Ltd.
Tomohiro Matsushima	Eisai Co., Ltd.
Yoshiharu Mizui	Eisai Co., Ltd.
Kenzo Muramoto	Eisai Co., Ltd.
Hideki Sakurai	Eisai Co., Ltd.
Yong-Chun Shen	Eisai Co., Ltd.
Hiroshi Shirota	Eisai Co., Ltd.
Mark Spyvee	Eisai Co., Ltd.
Isao Tanaka	Eisai Co., Ltd.
John (Yuan) Wang	Eisai Co., Ltd.
Ray Wood	Eisai Co., Ltd.
Satoshi Yamamoto	Eisai Co., Ltd.
Naoki Yoneda	Eisai Co., Ltd.

Thus, the Assignee of the inventors' entire right, title, and interest is:

Eisai Co., Ltd.

According to 37 CFR § 3.73(b), the Assignee is entitled to take action relating to the application in the Patent and Trademark Office if the Assignee establishes ownership to the satisfaction of the Commissioner.

Ownership by the assignee is established as follows:

U.S.S.N: 10/657,910 3653521v1

	documents already recorded	in the PTO on
	Reel	Frame; and
X_	documents separately submidocuments is attached).	tted for recordal to the PTO (a copy of these

STATEMENT

I, person(s) authorized to sign on behalf of the Assignee, have reviewed the evidentiary documents referred to above and certify that, to the best of my knowledge and belief, title is mine/ours as Assignee who seeks to take further action.

Name/Title	Assignee	Date
Signature: Phinshi Yoshims Name: Hiroshi Yoshino Title: Director of Intellectual	Eisai Co., Ltd. 6-10, Koishikawa 4-Chome Bunkyo-ku Tokyo 112-8088 Japan	April 22, 2004

Property Department

Attorney Docket No.: 2003946-0056

Client Reference No.: ANDI/CIP

COPY

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned Kenichi CHIBA of Tsuchiurashi, Ibaraki, Japan; Yoshihito EGUCHI of Kashiwa-shi, Chiba, Ibaraki, Japan; Masanori FUJITA of Ushiku-shi, Ibaraki, Japan; Masaki GOTO of Tsuchiura-shi, Ibaraki, Japan; Atsushi INOUE, of Tsukuba-shi, Ibaraki, Japan; Megumi KAWADA of Ushiku-shi, Ibaraki, Japan; Takatoshi KAWAI of Tsukuba-shi, Ibaraki, Japan; Yoshiyuki KAWAKAMI, of Tsukuba-shi, Ibaraki, Japan; Akifumi KIMURA, of Tsukuba-shi, Ibaraki, Japan; Makoto KOTAKE, of Abiko-shi, Chiba, Japan; Yoshikazu KUBOI, of Tsukuba-shi, Ibaraki, Japan; Tomohiro MATSUSHIMA, of Ushiku-shi, Ibaraki, Japan; Yoshiharu MIZUI, of Tsukuba-shi, Ibaraki, Japan; Kenzo MURAMOTO, of Tsukuba-shi, Ibaraki 305-0051, Japan; Hideki SAKURAI, of Tsukuba-shi, Ibaraki, Japan; Satoshi YAMAMOTO, of Moriya-shi, Ibaraki, Japan; Naoki YONEDA, of Tsukuba-shi, Ibaraki, Japan, hereby

Sells, assigns and transfers to Eisai Co., Ltd., having a place of business at 6-10, Koishikawa 4-Chome, Bunkyo-ku, Tokyo 112-8088, Japan, its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE, his/her entire right, title and interest for the United States and all foreign countries; in and to any and all inventions which are disclosed in the application for United States Letters Patent entitled "MACROCYCLIC COMPOUNDS USEFUL AS PHARMACEUTICALS" filed September 9, 2003, and given U.S. Serial No. 10/657,910, in and to said application and all divisional, continuing, substitute, renewal, reissue reexamination or other application for Letters Patent which has been or shall be filed in the United States or any foreign country on any of said inventions, and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agrees that said ASSIGNEE may apply for and receive Letters Patent for said inventions in its own name and when requested, without charge to but at the expense of said ASSIGNEE, agrees to carry out in good faith the intent and purpose of this Assignment by executing all divisional, continuing, substitute, renewal, reissue, reexamination and all other patent applications on any and all said inventions; by executing all rightful oaths, assignments, powers of attorney and other papers; by communicating to said ASSIGNEE all facts known to him/her relating to said inventions and the history thereof, and generally by doing everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said ASSIGNEE.

Hereby requests the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE.

Covenants with said ASSIGNEE that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by him/her, and that full right to convey the same as herein expressed is possessed by him/her.

Page 1 of 10

U.S.S.N: 10/657,910

3653178 1.DOC

IN WITNESS WHEREOF, I hereto	set my hand and sea	1 at <u>Tsukuba-shi</u> ,
IBARAKI, Japan this	21 day of _	<u>April</u> , 2004.
		Kenichi Chiba Name: Kenichi CHIBA
Witness: Suko Ueno Name: Yu Ko UENO		Date: April 21, 2004
Witness:		Date:
nayuni Kaneshita		April 21, 200 %
Name: Mayumi KAMESHIT	4	•
IN WITNESS WHEREOF, I hereto		April , 2004. Yorkihita Eguchi
		April , 2004.
		April , 2004. Yorkihita Eguchi
IBARAKI Japan this		Maril, 2004. Yoshila Eguchi Name: Yoshihito EGUCHI Date:
Witness: Luko Ueno Name: Yu Ko UENO		April, 2004. Yoshida Eguchi Name: Yoshihito EGUCHI Date: April 21, 2004
Witness: Luko UENO Witness:	<u>21</u> day of	April, 2004. Yoshihita Eguchi Name: Yoshihito EGUCHI Date: April 21, 2004 Date:

IN WITNESS WHEREOF, I hereto set my hand and sea	1 at <u>Tsukuba - shj</u> ,
IBARAKI, Japan this 21 day of	<u>april</u> , 2004
	Masanori Fujila Name: Masanori FUJITA
Witness:	Date:
Name: Yuko UENO	Apr:/2/, 2004
Witness:	Date:
Name:	April 21,2004
Mayumi KAMESHITA	
•	
	•
IN WITNESS WHEREOF, I hereto set my hand and sea	lat Tsukuba - shi,
IN WITNESS WHEREOF, I hereto set my hand and sea IBARAKI Japan this -/ day of	
	<u>april</u> , 2004 <u>masali</u> Got
	<u>april</u> , 2004 <u>masali</u> Got
IBARAKI, Japan this >/ day of	Masali Juli Name: Masaki GOTO
IBARAKI, Japan this >/ day of	<u>Masali</u> , 2004 Masali Go TO
IBARAKI, Japan this >/ day of	Masali Juli Name: Masaki GOTO
Witness: Witness: Luko Ueno Name: Yuko UENO Witness: Rayuni Kaneshita	April
Witness: Witness: Witness: Witness: Witness:	April 2004 Masaki GoTO Date: April 21. 2004 Date:

IN WITNESS WHEREOF, I hereto set my hand and seal	lat Tsukuba - shi ,
]BARAKI, Japan this 21 day of	April , 2004
	Atsush anoue
	Name: Atsushi INOUE
Witness: Luko Ueno Name: Yuko UENO	Date: April 21. 2004
Witness:	Date:
Name: Mayumi KAMESHITA	April 21, 2004
IN WITNESS WHEREOF, I hereto set my hand and sea / BARAKI, Japan this 2/ day of	
	Name: Wegumi KAWADA
Witness: Luka Wens	Date: Apr:/ 21. 2004
Witness: Name: Yuko UENO	
Witness: Name: Yuko UENO Witness:	

U.S.S.N: 10/657,910 3653178_1.DOC Page 4 of 10

IN WITNESS WHEREOF, I hereto	set my hand and sea	lat Tsukuba-shi,
Ibaraki, Japan this		
		Name: Takatoshi KAWAI
Witness: Jerka Ulno Name: Yu Ko UENO	·	Date: Apr:/2/.2004
Witness: nayumi Laneshil	ta	Date: April 21, 2004
Name: Mayumi KAMESHITA		
IN WITNESS WHEREOF, I hereto		
		Mame: Yoshiyuki KAWAKAMI
Witness:		Date:
Mayuni Kameshita Name: Mayumi KAMESHIT	A	April 21,2004
Witness: Leka Ueno Name: Yuko UENO		Date: Apr:/2/, 2004
U.S.S.N: 10/657,910 3653178_1.DOC	Page 5 of 10	Attorney Docket No.: 2003946-0056 Client Reference No.: ANDI/CIP

IN WITNESS WHEREOF, I hereto set my hand and seal	at _ Jsukuba - shi ,
Ifaraki Jupan this 2 day of	Spril, 2004
	Name: Akifumi KIMURA
Witness: Luko Ueno Name: Yuko UENO	Date: April 21. 2004
Witness: Mayumi KAMESHITA Mayumi KAMESHITA	Date: April 21, 2004
IN WITNESS WHEREOF, I hereto set my hand and sea Ibaraki, Japan this day of	April , 2004
	Makoto KOTAKE Name: Makoto KOTAKE
Witness: Luko Vena Name: Yuko UENO	Date: April 21. 2004
Witness: Name: Mayumi KAMESHITA	Date: April 21, 2004

U.S.S.N: 10/657,910 3653178_1.DOC Page 6 of 10

IN WITNESS WHEREOF, I hereto set my hand and sea	lat Tsutuba - Shi
Ibarati, Japan. this -/ day of_	A
1	Name: Yoshikazu KUBOI
	Name: Yoshikazu KUBOI
Witness: Juko Veno Name: Juko VENO	Date: Apr: / >/, 2004
Name: Yuko UENO	,
Witness: Zayrıni Kanlekita	Date: April 21,2004
Name: Mayumi KAMESHITA	HPTIL 21,200
IN WITNESS WHEREOF, I hereto set my hand and sea	1 at Loupeuba-shi,
Obaraki, fajan this 2/ day of	April, 2004
	Jomohiro Matsushima Name: Tomohiro MATSUSHIMA
Witness: Jecko Ueno Name: Yuko UENO	Date:
Name: Yuko UENO	
Witness: Mayumi Xanesheta	Date:
Name: Mayumi KAMESHITA	April 21, 2004

IN WITNESS WHEREOF, I hereto set my hand and se	al at <u>Trukuba-shi</u> ,
Ibaroki, Japan this 2/ day of	
	Yoshikara Migui Name: Yoshiharu MIZUI
Witness: Luko Weno Name: Yuko VENO	Date: April 21, 2004
Witness: Name: Mayumi KAMESHITA	Date: April 21,2004
IN WITNESS WHEREOF, I hereto set my hand and se baraki / Japan this 21 day of	
	Name: Kenzo MURAMOTO
Name: Yuko UENO	Date: April 2/, 2004
Witness: Mayuni Kanestita Name: Mayuni KAMESHITA	Date: April 21,2006

IN WITNESS WHEREOF, I hereto set my hand and	seal at <u>Tsukuha-shi</u> ,
1/3/18/1/Japan this 2/ day	of <u>April</u> , 2004
	Hideki Sakurai Name: Hideki SAKURAI
Witness: Jewso Veno Name: Yuko VENO	Date: April 21, 2004
Witness:	Date:
Name:	April 21,2004
Mayumi KAMESHITA	
IN WITNESS WHEREOF, I hereto set my hand and Lbaraki, Japan this 23th day	
	Usas Tanaka Name: Isao TANAKA
Witness: Juke Uene Name: Yuko UENO	Date: April 21, 2004
Witness: <u>Rayuni Kanskita</u> Name:	Date: April 23, 200 K
Mayumi KAMESHITA	

U.S.S.N: 10/657,910 3653178_1.DOC Page 9 of 10

IN WITNESS WHEREOF, I hereto set my hand and seal	lat Trukuba-shi,
TBARAKI . Japan this 21 day of	
	Satoshi Mamamoto Name: Satoshi YAMAMOTO
Witness: Juko Ueno Name: Yuko UENO	Date: April 21, 2004
Witness:	Date:
Name: Mayumi KAMESHITA	April 21,2004
IN WITNESS WHEREOF, I hereto set my hand and sea JBARAKI, Japan this day of	
	Name: Naoki YONEDA
Witness: Jecko Ueno Name: Yuko UENO	Date: April 21, 2004
Witness: Trayumi Kaneshita Name: 850 [1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Date: April 22, 2004

Mayumi KAMESHITA

U.S.S.N: 10/657,910 3653178_1.DOC Page 10 of 10

COPY

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned Hong DU of North Andover, Massachusetts; Fabian GUSOVSKY of Andover, Massachusetts; Jean-Christophe HARMANGE of Andover, Massachusetts; Yong-Chun SHEN of Tewksbury, Massachusetts; Hiroshi SHIROTA of Belmont, Massachusetts; Mark SPYVEE of Hampstead, New Hampshire; John (Yuan) WANG of Andover, Massachusetts; and Ray WOOD of Raley, North Carolina hereby

Sells, assigns and transfers to Eisai Co., Ltd., having a place of business at 6-10, Koishikawa 4-Chome, Bunkyo-ku, Tokyo 112-8088, Japan, its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE, his/her entire right, title and interest for the United States and all foreign countries; in and to any and all inventions which are disclosed in the application for United States Letters Patent entitled "MACROCYCLIC COMPOUNDS USEFUL AS PHARMACEUTICALS" filed September 9, 2003, and given U.S. Serial No. 10/657,910, in and to said application and all divisional, continuing, substitute, renewal, reissue reexamination or other application for Letters Patent which has been or shall be filed in the United States or any foreign country on any of said inventions, and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agrees that said ASSIGNEE may apply for and receive Letters Patent for said inventions in its own name and when requested, without charge to but at the expense of said ASSIGNEE, agrees to carry out in good faith the intent and purpose of this Assignment by executing all divisional, continuing, substitute, renewal, reissue, reexamination and all other patent applications on any and all said inventions; by executing all rightful oaths, assignments, powers of attorney and other papers; by communicating to said ASSIGNEE all facts known to him relating to said inventions and the history thereof, and generally by doing everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said ASSIGNEE.

Hereby requests the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE.

Covenants with said ASSIGNEE that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by him, and that full right to convey the same as herein expressed is possessed by him.

IN WITNESS WHEREOF, I hereto se	t my hand and seal at 100 h	Research De
Wilmerston, Ma this	29 13 day of Copul	, 2004.
<i>O</i>	Ao	ny
	Name: Hon	g DU
STATE OF Massikusetts	SS.	
COUNTY OF Middlesef		
Before me this day of Hong DU known to me to be the person	whose name is subscribed to the	e foregoing Assignment
and acknowledged that he executed the scontained.	same as his free act and deed for	the purposes therein
contained.	Linda & Buch	len
	NOTARY PUBLIC	LINDA J. BUCKLEY Notary Public
[Notary's Seal Here]	My Commission Expires:	Commonwealth of Massachusetts My Commission Expires October 18, 2007
IN WITNESS WHEREOF, I hereto se Wilnington, Ma this this	et my hand and seal at 100 h	2004.
	قار ورا	
•	Name: Kab	ian GUSOVSKY
STATE OF Massachuel	5	
COUNTY OF Middlesof	SS. 	
Before me this day of Fabian GUSOVSKY known to me to b	e the person whose name is sub-	scribed to the foregoing
Assignment and acknowledged that he en purposes therein contained.	executed the same as his free act	and deed for the
	Sinds Budley NOTARY PUBLIC	LINDA J. BUCKLEY Notary Public Commonwealth of Massachusetts My Commission Expires
[Notary's Seal Here]	My Commission Expires:	October 18, 2007

U.S.S.N: 10/657,910 3653239v1

Page 2 of 5

in witness whereof, I he	reto set m	y hand and sea	l at		,
IN WITNESS WHEREOF, I ne	this	day of _		, 200	4.
			Name: Jean	ı-Christopl	ne HARMANGE
				•	
STATE OF		_ SS.			
COUNTY OF					
			2004	11	1
Before me this Gran-Christophe HARMANGE foregoing Assignment and acknow the purposes therein contained.	known to	me to be the pe	erson whose r	ame is subs	cribed to the
		NOTARY PUBL	IC		
[Notary's Seal Here]		My Commiss	ion Expires:		
JOHN PAUL CARTER Notary Public Commonwealth of Massachusetts My Commission Expires October 11, 2007	reto set m this <u>></u>	y hand and seal May of _	Apai Mame: You	Learle g-Chun SH	4. EN
STATE OF MASS					
COUNTY OF 559	£	SS.			
Before me this & Yong-Chun SHEN known to me Assignment and acknowledged th purposes therein contained.	day of to be the I at he exec	oerson whose nuted the same a	as his free act	and deed fo	r the
JOHN & CARTER N. ry Public Commonwealth of Massachusetts My Commission Expires [Notary's See John 2007		NOTARY PUBL	ion Expires:	nPan	11,10a
	Doge	3 of 5			No.: 2003946-0056

U.S.S.N: 10/657,910 3653239v1 Page 3 of 5

IN WITNESS WHEREOF, I hereto se	t my hand and seal at	Research Dr.
Welmington, Me this_	27 day of apri	<u>,</u> 2004.
,	2/	1/4
	Name: Hi	TAMUL / roshi SHIROTA
6-2		
STATE OF Missishustte	 SS.	
COUNTY OF Middlesef		
	6 1/ 2004	11 3
Before me this $27^{1/4}$ day of	2004, perso	nally appeared
Hiroshi SHIROTA known to me to be to Assignment and acknowledged that he ex	ne person whose name is subs	et and deed for the
purposes therein contained.		
	Links & Buch	1/
	NOTARY PUBLIC	Cly Two
		LINDA J. BUCKLEY Notary Public
[Notary's Seal Here]	My Commission Expires:	Commonwealth of Massachusetts My Commission Expires October 18, 2007
•		
IN WITNESS WHEREOF, I hereto see Milminton, Mr. this _	t my hand and seal at 100	Research Dr.
Wilmington Mr this_	27 day of april	, 2004.
0		1 1/
	\mathcal{L}	
	Name: Mr	ark SPYVEE
	7	
STATE OF Massachuseld	SS.	
COUNTY OF Middleset		
Before me this 27 day of		nally anneared
Mark SPYVEE known to me to be the	person whose name is subscrib	ed to the foregoing
Assignment and acknowledged that he ex	xecuted the same as his free ac	et and deed for the
purposes therein contained.		LINDA J. BUCKLEY
		Notary Public Commonwealth of Massachusetts My Commission Expires
	NOTARY PUBLIC	October 18, 2007
	Landa	Budley-
[Notary's Seal Here]	My Commission Expires	
U.S.S.N: 10/657,910 P	age 4 of 5	Attorney Docket No.: 2003946-0056

Client Reference No.: ANDI/CIP

3653239v1

IN WITNESS WHEREOF, I hereto s MAOIST this	et my hand and se	eal at 100 Re	search Dine Wilmingle
	27st day of	April	, 20 <u>04.</u>
		alm	(Yuan) WANG
STATE OF MA	 SS.		
COUNTY OF Middlesey			
Before me this 27 day of John (Yuan) WANG known to me to Assignment and acknowledged that he purposes therein contained.	be thé person who	se name is subs	cribed to the foregoing
	NOTARY PUR	BLIC	LINEALL STOKLEY Notary Public Commonwealth of Massachusetts
[Notary's Seal Here]	My Commis	ssion Expires:	My Commission Expires October 18, 2007
•	ny	Cariosin Eff	Sinka Buckley is Oct. 16, 2007
IN WITNESS WHEREOF, I hereto s	et my hand and se	eal at	
		Name: Ray	WOOD
STATE OF	 SS.		·
COUNTY OF			
Before me this day or Ray WOOD known to me to be the per Assignment and acknowledged that he purposes therein contained.	frson whose name executed the same	_, 2004, persona is subscribed to e as his free act	ally appeared the foregoing and deed for the
	NOTARY PU	BLIC	
[Notary's Seal Here]	My Commis	ssion Expires:	
U.S.S.N: 10/657,910	Page 5 of 5		Attorney Docket No.: 2003946-0056

U.S.S.N: 10/657,910 3653239v1

in witness whereof, I he	reto set my	hand and sea	l at	
IN WITNESS WHEREOF, I he	this	day of _		, 20
			Name: Joh	n (Yuan) WANG
STATE OF		_		
		SS.		
COUNTY OF		_		
Before me this	day of	,	2004, person	ally appeared
John (Yuan) WANG known to n	ne to be the	e person whose	e name is sub	scribed to the foregoing
Assignment and acknowledged th	at he execu	uted the same a	as his free act	and deed for the
purposes therein contained.				
•				
		NOTARY PUBL	IC	
[Notary's Seal Here]		My Commiss	ion Expires:	
[Notary's Boar Hore]		111 Comminde		
•				
IN WITNESS WHEREOF, I he RTP, NC 27709	reto set my this/	y hand and sea <u>9 Hh</u> day of _	lat Eisai J April Name: Ray	D. Cloud
STATE OF North Carolis	w _	_		
COUNTY OF Orange		SS.		
•				
Before me this	he person	whose name is	subscribed to	o the foregoing
		NOTARY PUBI	IC	
[Notary's Seal Here]		My Commiss	ion Expires:	10/16/2006
U.S.S.N: 10/657,910 3653239v1	Page	5 of 5		Attorney Docket No.: 2003946-0056 Client Reference No.: ANDI/CIP



ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, each of the undersigned Hong DU of North Andover, Massachusetts; Fabian GUSOVSKY of Andover, Massachusetts; Jean-Christophe HARMANGE of Andover, Massachusetts; Yong-Chun SHEN of Tewksbury, Massachusetts; Hiroshi SHIROTA of Belmont, Massachusetts; Mark SPYVEE of Hampstead, New Hampshire; John (Yuan) WANG of Andover, Massachusetts; and Ray WOOD of Raley, North Carolina hereby

Sells, assigns and transfers to Eisai Co., Ltd., having a place of business at 6-10, Koishikawa 4-Chome, Bunkyo-ku, Tokyo 112-8088, Japan, its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE, his/her entire right, title and interest for the United States and all foreign countries; in and to any and all inventions which are disclosed in the application for United States Letters Patent entitled "MACROCYCLIC COMPOUNDS USEFUL AS PHARMACEUTICALS" filed September 9, 2003, and given U.S. Serial No. 10/657,910, in and to said application and all divisional, continuing, substitute, renewal, reissue reexamination or other application for Letters Patent which has been or shall be filed in the United States or any foreign country on any of said inventions, and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

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Hereby requests the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE.

Covenants with said ASSIGNEE that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by him, and that full right to convey the same as herein expressed is possessed by him.

in witness whereof, I	hereto set n	ny hand and seal at	>
	this	day of	, 2004.
		\	T. DII
		Name	e: Hong DU
STATE OF		_	
COUNTY OF		SS. —	
Before me this	_ day of ne person w uted the sar	, 2004, hose name is subscribe ne as his free act and d	personally appeared d to the foregoing Assignment eed for the purposes therein
		NOTARY PUBLIC	
[Notary's Seal Here]		My Commission Ex	pires:
in witness whereof, I	hereto set r this	ny hand and seal at day of	, 2004.
			e: Fabian GUSOVSKY
STATE OF		 SS.	
COUNTY OF			
Before me this	_ day of _ o me to be to that he exe	, 2004, the person whose name ecuted the same as his f	personally appeared is subscribed to the foregoing ree act and deed for the
		NOTARY PUBLIC	
[Notary's Seal Here]		My Commission Ex	pires:
, U.S.S.N: 10/657,910	Pa	ge 2 of 5	Attorney Docket No.: 2003946-00

3695508_1.DOC

Client Reference No.: ANDI/CIP

IN WITNESS WHEREC	of, I hereto set my	hand and sea	al at coun	bridge
-HA	this	day of _	Hay	, 2004
			Name: Jean	hristophe HARMANG
Witness: Name:	····		Date: 5/5/8	''
Witness: Saylawi bens- Name:	My		Date:	· · · · · · · · · · · · · · · · · · ·
IN WITNESS WHEREC	OF, I hereto set my this	hand and sea	al at	, 2004.
			Name: Yong-	Chun SHEN
COUNTY OF		SS.		
Before me this Yong-Chun SHEN known Assignment and acknowled purposes therein contained	dged that he execut	erson whose ted the same	, 2004, personal name is subscrib as his free act ar	ly appeared ped to the foregoing and deed for the
]	NOTARY PUB	LIC	
[Notary's Seal Here]	1	My Commis	sion Expires:	
	D (2 - 5 5		

U.S.S.N: 10/657,910 3695508_1.DOC Page 3 of 5

in witness whereof, I	hereto set n	ny hand and sea	ıl at	
	this	day of _		, 2004.
			Name: Hi	roshi SHIROTA
STATE OF				
COUNTY OF		SS. 		
Before me this	day of		, 2004, perso	nally appeared
Hiroshi SHIROTA known to a Assignment and acknowledged ourposes therein contained.	me to be the	person whose cuted the same	name is subs as his free ac	cribed to the foregoing et and deed for the
		NOTARY PUBI	LIC	
Notary's Seal Here]		My Commiss		
-			_	
in witness whereof, I	hereto set n	ny hand and sea	al at	2004
	this	day of _		, 2004.
			Name: M	ark SPYVEE
STATE OF		<u></u>		
COUNTY OF		SS.		
Before me this Mark SPYVEE known to me	day of		, 2004, perso ne is subscril	onally appeared oed to the foregoing
Assignment and acknowledged purposes therein contained.	i that he exe	cuted the same	as his free a	ct and deed for the
		NOTARY PUB	LIC	
[Notary's Seal Here] IN WITNESS WHEREOF, I	hereto set r	My Commis	-	
U.S.S.N: 10/657,910 3695508 1.DOC	Pag	ge 4 of 5		Attorney Docket No.: 2003946 Client Reference No.: ANI

	this	day of _	, 20
			Name: John (Yuan) WANG
STATE OF			
COUNTY OF		SS. —	
Before me this John (Yuan) WANG known to Assignment and acknowledged purposes therein contained.	me to be the	he person whose	2004, personally appeared e name is subscribed to the foregoin as his free act and deed for the
		NOTARY PUBL	LIC
[Notary's Seal Here]		My Commiss	ion Expires:
•			
in witness whereof, I	hereto set n	ny hand and sea day of _	l at, 20
			Name: Ray WOOD
STATE OF		_	
COUNTY OF		SS. 	
Before me this			
		NOTARY PUBI	LIC
[Notary's Seal Here]		My Commiss	ion Expires:

U.S.S.N: 10/657,910 3695508_1.DOC